# **BookletChart**<sup>TM</sup>

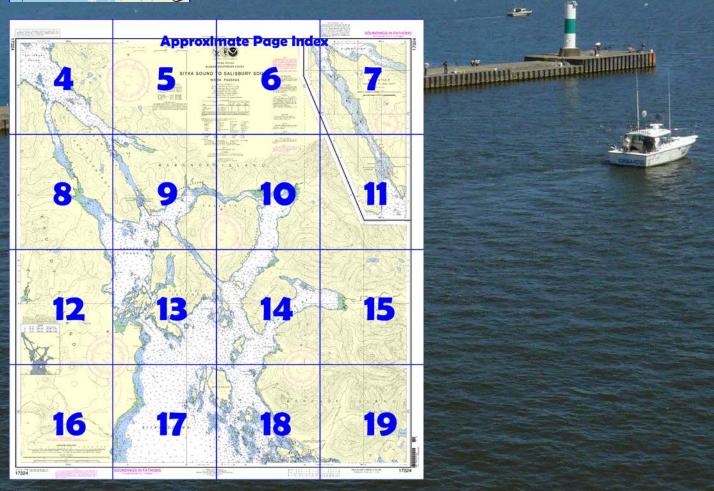
# Sitka Sound to Salisbury Sound NOAA Chart 17324



A reduced-scale NOAA nautical chart for small boaters When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



## Published by the National Oceanic and Atmospheric Administration National Ocean Service Office of Coast Survey

<u>www.NauticalCharts.NOAA.gov</u> 888-990-NOAA

#### What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

#### What is a BookletChart<sup>™</sup>?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <a href="http://www.NauticalCharts.NOAA.gov">http://www.NauticalCharts.NOAA.gov</a>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

#### **Notice to Mariners Correction Status**

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=173</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbycharts.noaa.gov/nsd/searchbychart.php?chart=173">http://www.nauticalcharts.noaa.gov/nsd/searchbycharts.



(Selected Excerpts from Coast Pilot)
Watson Point (57°04.0'N., 135°21.8'W.) is on the E side of the NW approach to Sitka Harbor, about 0.9 mile NW of Harbor Rock. A rocky ledge extends about 150 yards off the point. When approaching Sitka Harbor from the NW, exercise care to give this point a berth of about 300 yards, and pass just S of the light marking the S end of the N breakwater protecting the NW approach to Western Anchorage.

Kasiana Islands are a group of islands on

the W side of the NW approach to Sitka Harbor. A reef, well marked by kelp, extends about 0.6 mile SE of the easternmost island and

terminates in a rock awash. The rock awash is on a line from the E tangent of the islands to the middle of Battery Island, and is almost midway between them.

**Halibut Point**, on the E side of the channel, is about 2.4 miles NW of Watson Point.

Old Sitka Rocks are a group of rocks that bare at all stages of the tide and extend 0.5 mile from the E shore. The N and largest one has two or three scraggy trees, and the rest are bare. The westernmost rock of the group covers only at highest tides and is marked by Old Sitka Rocks Light 2 (57°06'52"N., 135°24'42"W.), 30 feet above the water and shown from a skeleton tower with a red triangular daymark. The main channel is W of Old Sitka Rocks, but a narrow channel is between them and an island near the shore. The shore from Old Sitka Rocks to Western Anchorage should not be approached closer than 300 yards. The channel passing W of Old Sitka Rocks and E of Middle Island and Kasiana Islands is the main channel for all vessels southbound for Sitka via the inside route. This route contains deep water and the only danger is a 1-fathom rocky shoal, marked by a daybeacon on its N side, about 0.6 mile SW of Halibut Point.

Starrigavan Bay is a bight, open W, on the E side about 1.5 miles N of Old Sitka Rocks, and just S of the entrance to Katlian Bay. "Old Sitka," now a State Historic Site, is on the point dividing the two coves on the E side of the bay. In 1799, the Russian fort of St. Michael stood on this point. The N cove is filled by a flat. A foul area, with a rock covered 1 foot in about 57°08'15"N., 157°22'23"W., is NW of the N cove and about 150 yards off the shore. The anchorage is abreast the S cove, about 400 yards from shore, in 18 to 20 fathoms, soft bottom. W winds and some sea have a fair sweep into this bay.

The Alaska State Ferry Terminal is on the S shore of Starrigavan Bay. Bus transportation between the terminal and Sitka is available. A private barge facility is E of the ferry terminal. (See wharves at Sitka for a detailed description of the facilities in this area.)

Katlian Bay has its entrance about 2 miles NNE of Old Sitka Rocks and extends in a NE direction, curving E near its head. There are no dangers except a flat that extends about 0.2 mile from the head of the bay. At 2.5 miles within the entrance to the bay an arm extends NW; fair anchorage can be had in this arm NW of the group of islands on the N side in 11 to 20 fathoms, and very small vessels can anchor in Cedar Cove, the narrow part at the head of this arm, in 4½ to 7 fathoms. Promisla Bay, on the NW side of Sitka Sound about 1.3 miles W from Siginaka Islands, indents the SE shore of Krestof Island. There is a small wooded island in its entrance with a bare rock about 0.25 mile E of the island. The depths in the bay are 15 to 21 fathoms, and a fair anchorage can probably be had near its head in 16 fathoms, mud bottom, with good protection in almost any weather.

Olga Strait, between Krestof Island and Halleck Island, is 4 miles long in a NW direction, with an average width of 0.2 mile, and forms a part of the inside route from Sitka to Salisbury Sound. It is in general clear, with a controlling depth of 4 fathoms in midchannel. On both sides of the channel are small flats where streams empty and the shores are fringed with kelp except off these flats. In Olga Strait the current sets NW on the flood and SE on the ebb. Off Creek Point the velocity is 1.6 knots on the flood and 1.2 knots on the ebb. (See the Tidal Current Tables for daily predictions.) About 100 yards off Eastern Point is a rock with a least depth of 6 feet. About 0.8 mile within the SE entrance is a shoal about 300 yards across with a least depth of 18 feet, marked by a light.

# U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Juneau

Commander 17th CG District

(907) 463-2000

Corrected through NM Mar. 17/07 Corrected through LNM Mar. 06/07

#### HEIGHTS

Heights in feet above Mean High Water.

#### VEGETATION

The land is generally heavily wooded. The woods decrease in density with the elevation. leaving the higher elevations bare.

The prudent mariner will not rely solely o any single aid to navigation, particularly or floating aids. See U.S. Coast Guard Light Lis and U.S. Coast Pilot for details.

#### POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

### NOTE B

Aids, dangers, cable areas and hydrography noved from this area. Use chart 17327.

#### CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117. Radio direction-finder bearings to commercial

broadcasting stations are subject to error and should be used with caution

Station positions are shown thus:

(Accurate location) o(Approximate location)

#### RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

#### AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to

#### CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

#### CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 8. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District Engineer, Corps of Engineers in Anchorage

Refer to charted regulation section numbers.

#### NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

 Althorp Peak, AK
 KZZ-86
 162.425 MHz

 Mt. Robert Barron, AK
 KZZ-87
 162.450 MHz

 Mt. McArthur, AK
 KZZ-95
 162.525 MHz

 Sitka, AK WXJ-80 162.550 MHz

### Mercator Projection

Scale 1:40,000 at Lat 57°12'N North American Datum of 1983 (World Geodetic System 1984) SOUNDINGS IN FATHOMS

(FATHOMS AND FEET TO ELEVEN FATHOMS) AT MEAN LOWER LOW WATER

## **Table of Selected Chart Notes**

#### HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.279" southward and 6.369" westward to agree with this chart.

#### ALITHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the U.S. Coast Guard and Geological Survey.

#### SOURCE DIAGRAM /

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

#### COLREGS, 80,1705 (see note A)

International Regulations for Preventing Collisions at Sea, 1972. The entire area of this chart falls seaward of the COLREGS Demarcation Line

#### TIDAL INFORMATION

PLACE		Height referred to datum of soundings (MLLW)		
NAME	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
Dog Point Whitestone Narrows	(57°10'N/135°25'W) (57°15'N/135°34'W)	feet 10.0 9.9	feet 9.2 9.1	feet 1.4 
Scraggy Point Sitka	(57°20'N/135°43'W) (57°03'N/135°20'W)	9.8 9.9	9.0 9.2	1.5 1.5

Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov.

#### ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

to Navigation (lights are white unless otherwise indi-	cated):
--	---------

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	Iso isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
FI flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

#### Bottom characteristics:

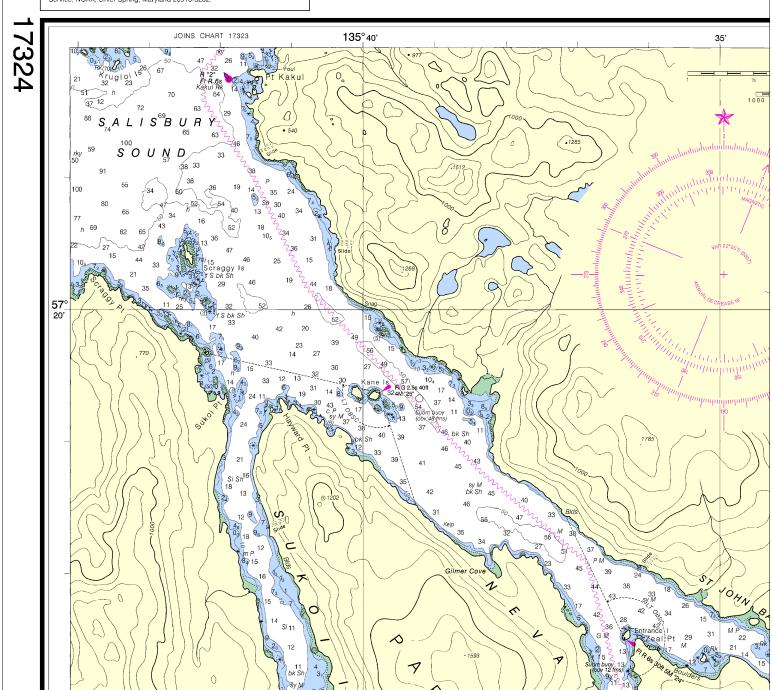
Bids boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

#### Miscellaneous

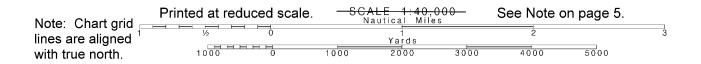
AUTH authorized Obstn obstruction

- PD position doubtful Subm submerged ED existence doubtful PA position approximate Rep reported
- 21, Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
  (2) Rocks that cover and uncover, with heights in feet above datum of soundings.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Sliver Spring, Maryland 20910-3282.







Joins page 8



Formerly C&GS 8281, 1st Ed., Jan 1900 KAPP 2651

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES ALASKA-SOUTHEAST COAST

## SITKA SOUND TO SALISBURY SOU

#### NOAA WEATHER RADIO BROADCASTS

SCALE 1:40,000 Nautical Miles Yards 2000

3000

4000

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at

 Althorp Peak, AK
 KZZ-86
 162.425 MHz

 Mt. Robert Barron, AK
 KZZ-87
 162.450 MHz

 Mt. McArthur, AK
 KZZ-95
 162.525 MHz

 Sitka, AK
 WXJ-80
 162.550 MHz

#### HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1,279' southward and 6,369' westward to agree with this chart. U

0(

APTIST

## INSIDE PASSAGE

Mercator Projection Scale 1:40,000 at Lat 57°12'N North American Datum of 1983 (World Geodetic System 1984)

SOUNDINGS IN FATHOMS (FATHOMS AND FEET TO ELEVEN FATHOMS)

AT MEAN LOWER LOW WATER Additional information can be obtained at nauticalcharts.noaa.gov.

TIDAL INFORMATION

PLACE		Height referred to datum of soundings (MLLW)		
NAME	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
		feet	feet	feet
Dog Point	(57°10'N/135°25'W)	10.0	9.2	1.4
Whitestone Narrows	(57°15'N/135°34'W)	9.9	9.1	
Scraggy Point	(57°20'N/135°43'W)	9.8	9.0	1.5
Sitka	(57°03'N/135°20'W)	9.9	9.2	1.5

(Jan 2007)

#### ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.) Aids to Navigation (lights are white unless otherwise indicated)

AERO aeronautical G green Al alternating B black Bn beacon IQ interrupted quick Iso isophase LT HO lighthouse C can DIA diaphone

G gravel

Grs grass

M nautical mile m minutes MICRO TR microwave towe Mkr marker

Rot rotating s seconds SEC sector St M statute miles OBSC obscured Oc occulting Or orange Q quick R red VQ very quick W white Ra Ref radar reflecto R Bn radiobeacon Y yellow

Ovs ovsters

S sand

R TR radio tower

so soft

Sh shells

sy sticky

Subm submerged

Mo morse code

#### Bottom characteristics Co coral Bids boulders bk broken Cy clay

Miscellaneous: PD position doubtful AUTH authorized ED existence doubtful PA position approximate Rep reported

.21. Wreck, rock, obstruction, or shoal swept clear to the depth indicated (2) Rocks that cover and uncover, with heights in feet above datum of soundings.

#### HEIGHTS

gy gray

Heights in feet above Mean High Water

#### AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the U.S. Coast Guard and Geological Survey.

#### SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 8 for important

supplemental information

This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:53333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.

Joins page 9

Yards

2000

3000

4000

5000

1000

lines are aligned

with true north.

1000 0

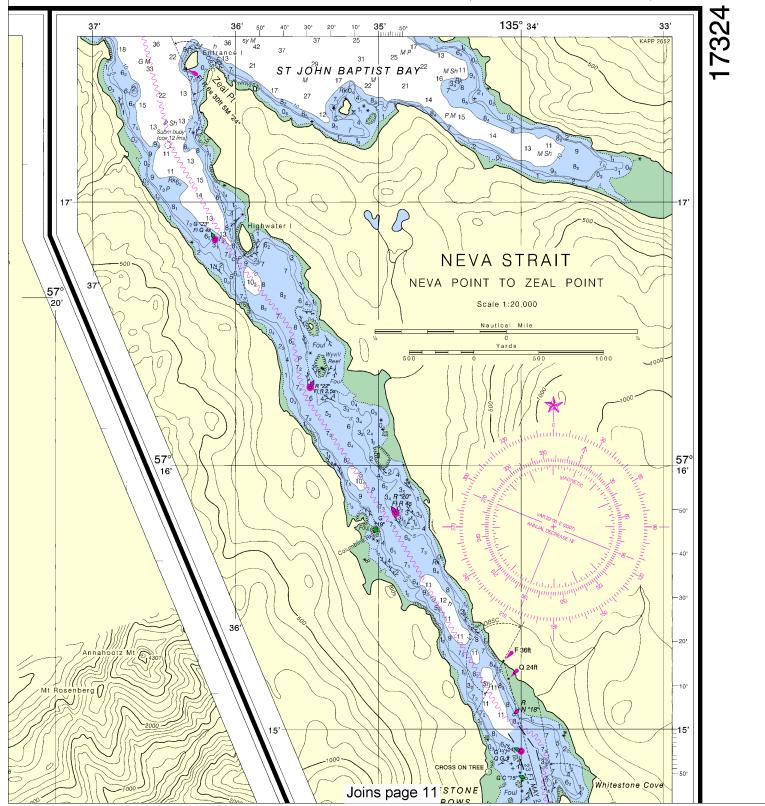
#### PRINT-ON-DEMAND CHARTS

PRINT-ON-DEMAND CHARTS

NOAA and its partner, OceanGrafix, offer this chart
updated weekly by NOAA for Notices to Mariners and
critical corrections. Charts are printed when ordered
using Print-on-Demand technology. New Editions are
available 5-8 weeks before their release as traditional
NOAA charts. Ask your chart agent about Print-on-Demand
charts or contact NOAA at 1-800-584-4683,
http://NauticalCharts.gov, help@NauticalCharts.gov, or
OceanGrafix at 1-87-56CHART, http://OceanGrafix.com,
or help@OceanGrafix.com.

## **SOUNDINGS IN FATHOMS**

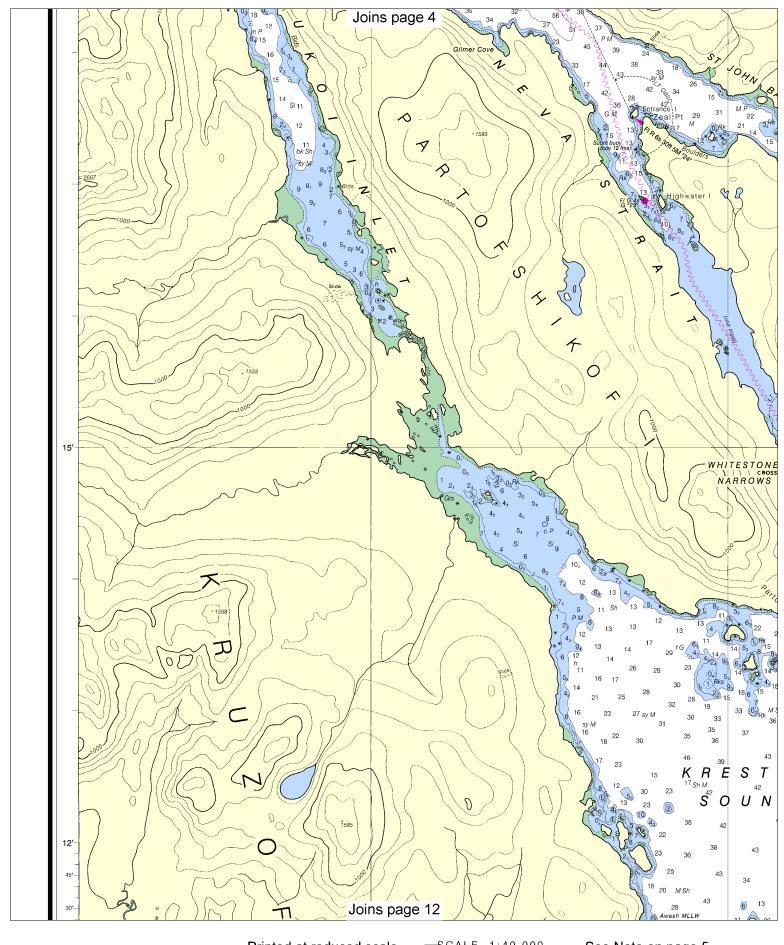
(FATHOMS AND FEET TO 11 FATHOMS)



This BookletChart has been updated through: Coast Guard Local Notice To Mariners: 4812 11/27/2012,

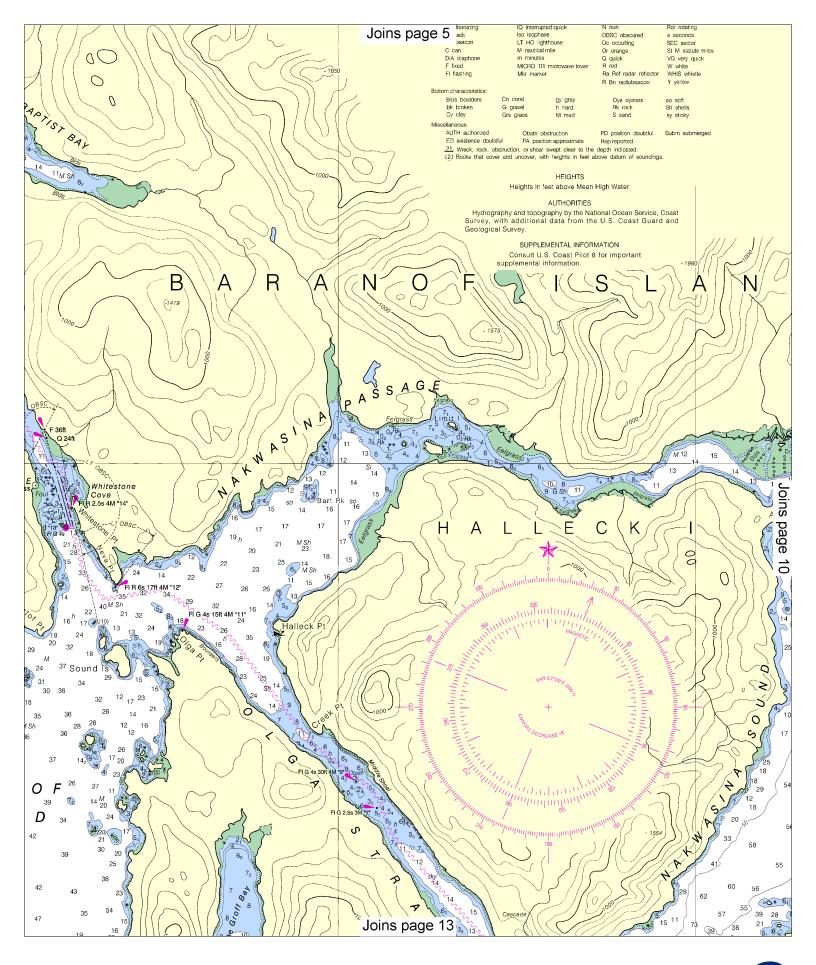
NGA Weekly Notice to Mariners: 4812 12/1/2012,

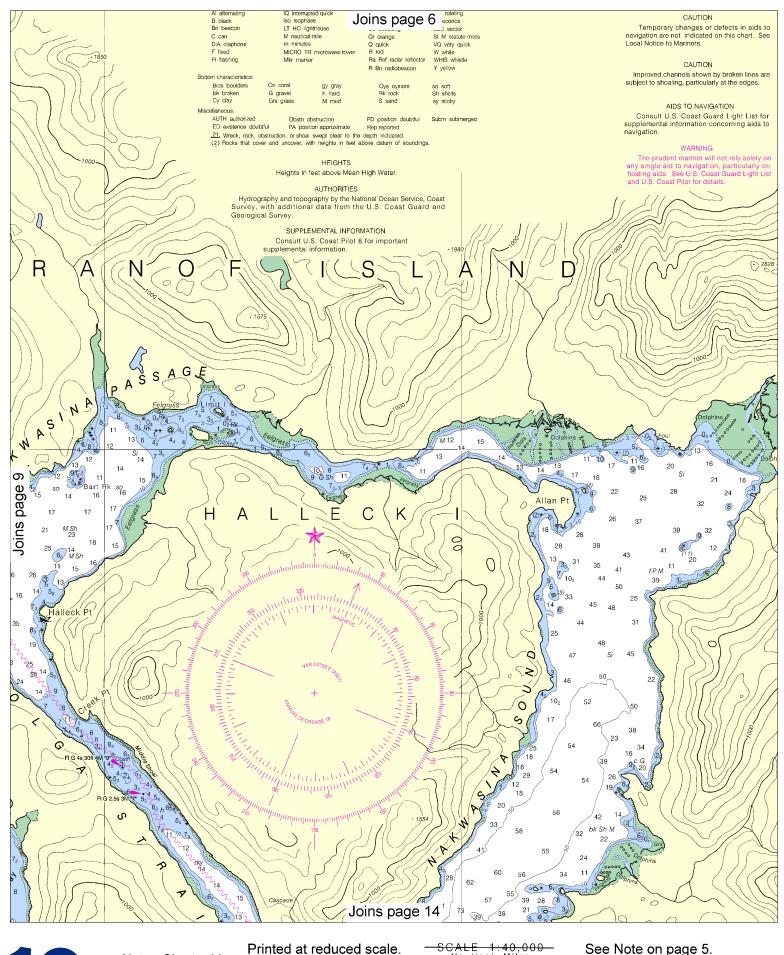
Canadian Coast Guard Notice to Mariners: 0912 9/28/2012.



Printed at reduced scale. SCALE 1:40,000 See Note on page 5.

Note: Chart grid lines are aligned with true north.



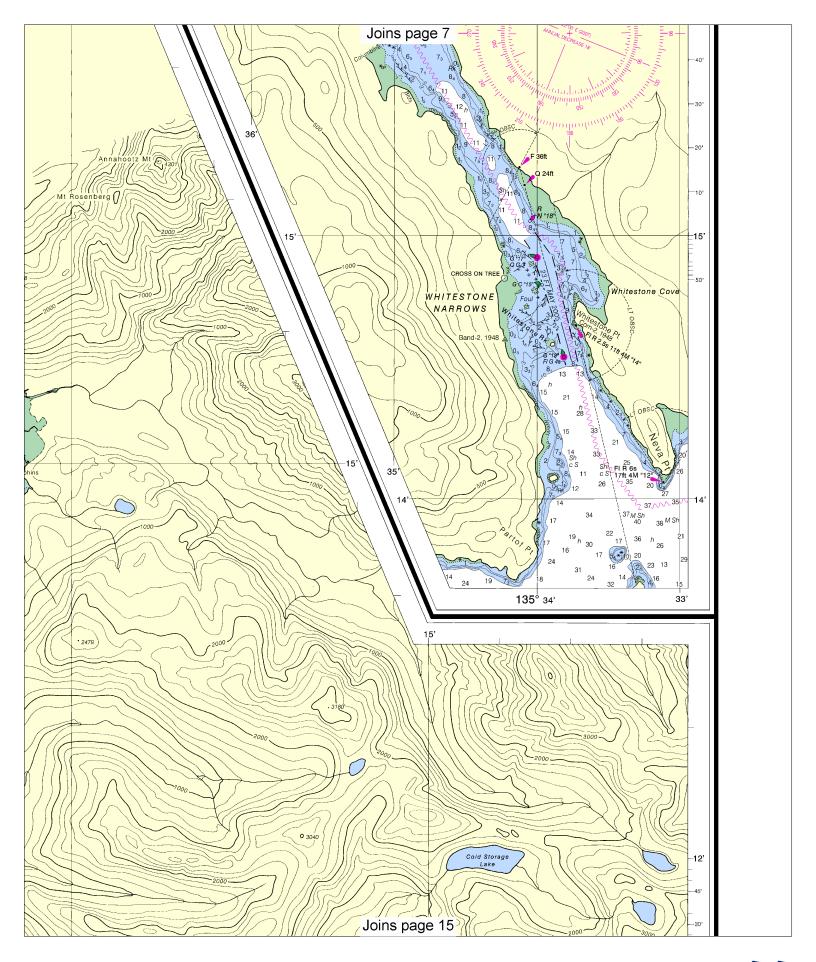


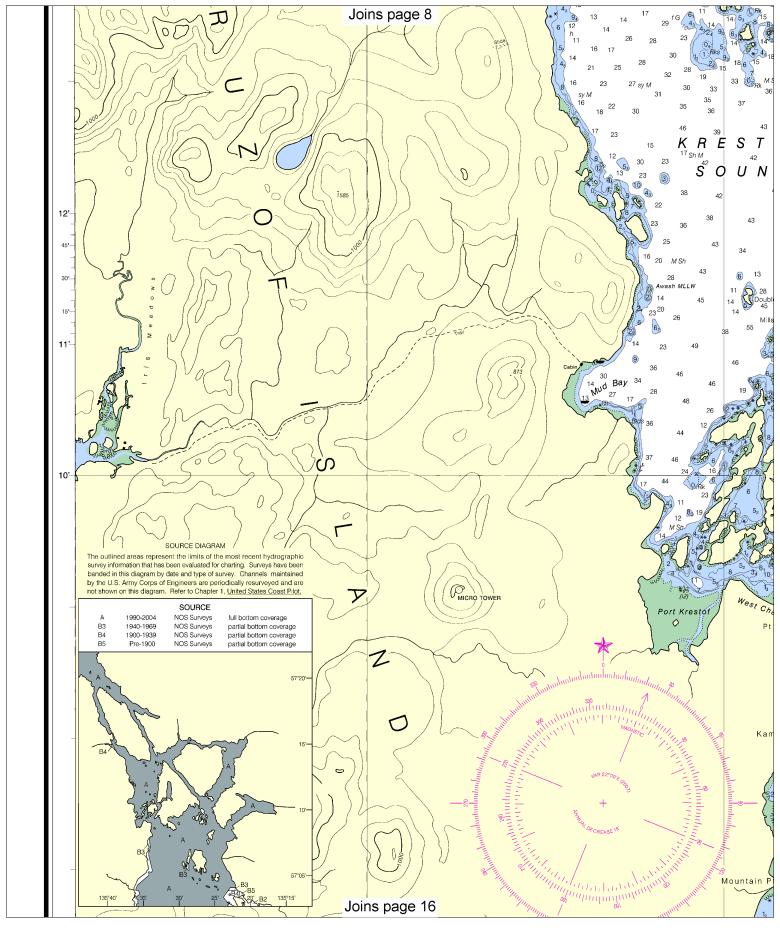
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:40,000
Nautical Miles

See Note on page 5.





Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

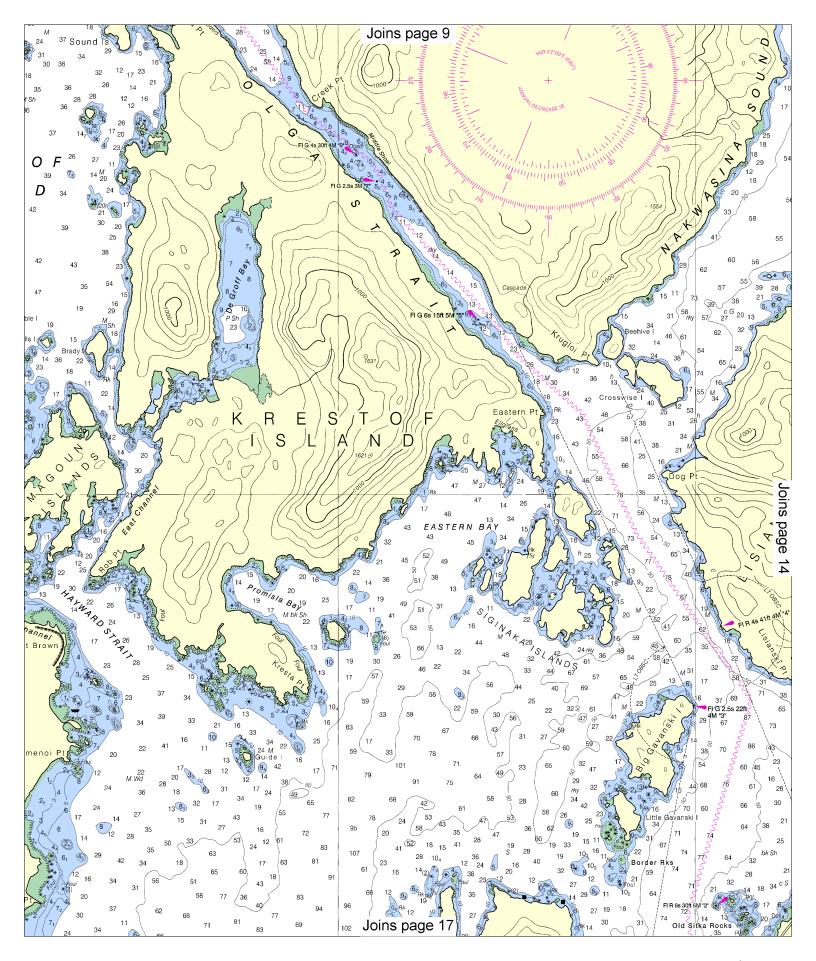
SCALE 1:40,000
Nautical Miles

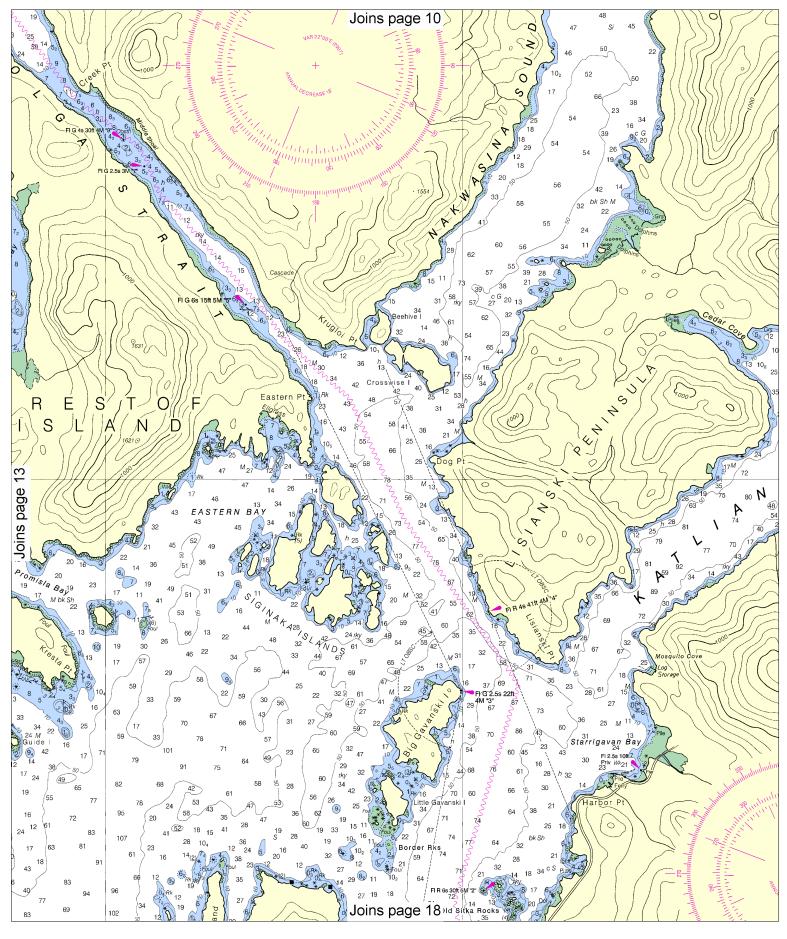
Yards

See Note on page 5.

Yards

1000 0 1000 2000 3000 4000 5000





Note: Chart grid lines are aligned with true north.

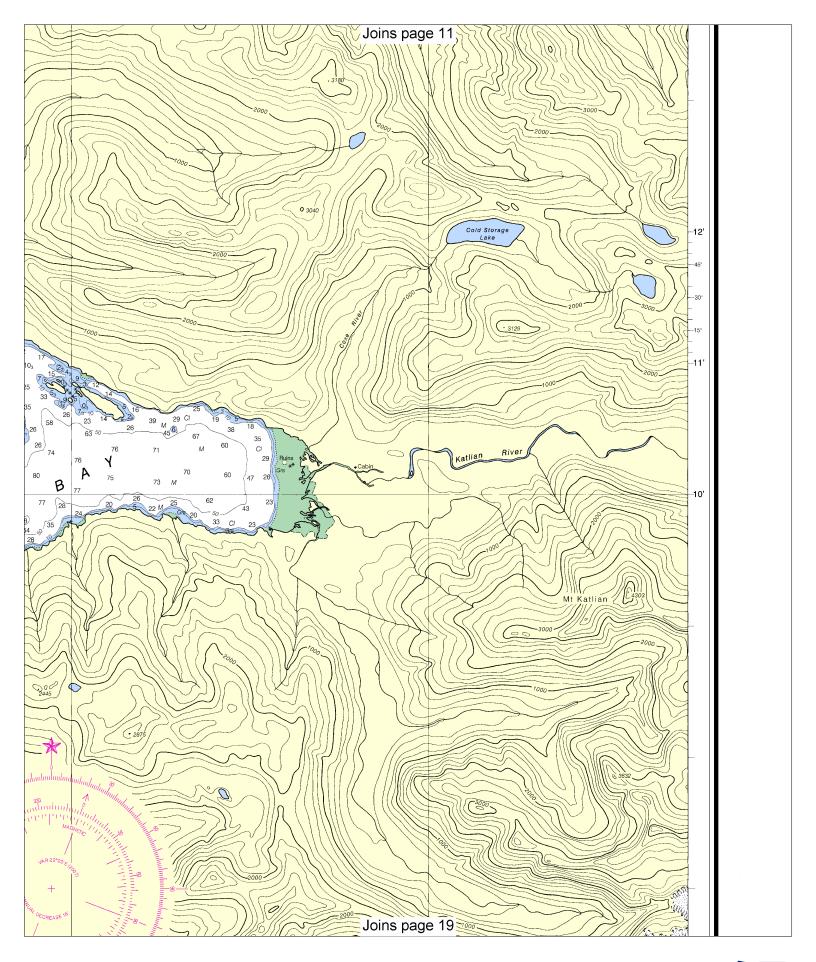
Printed at reduced scale.

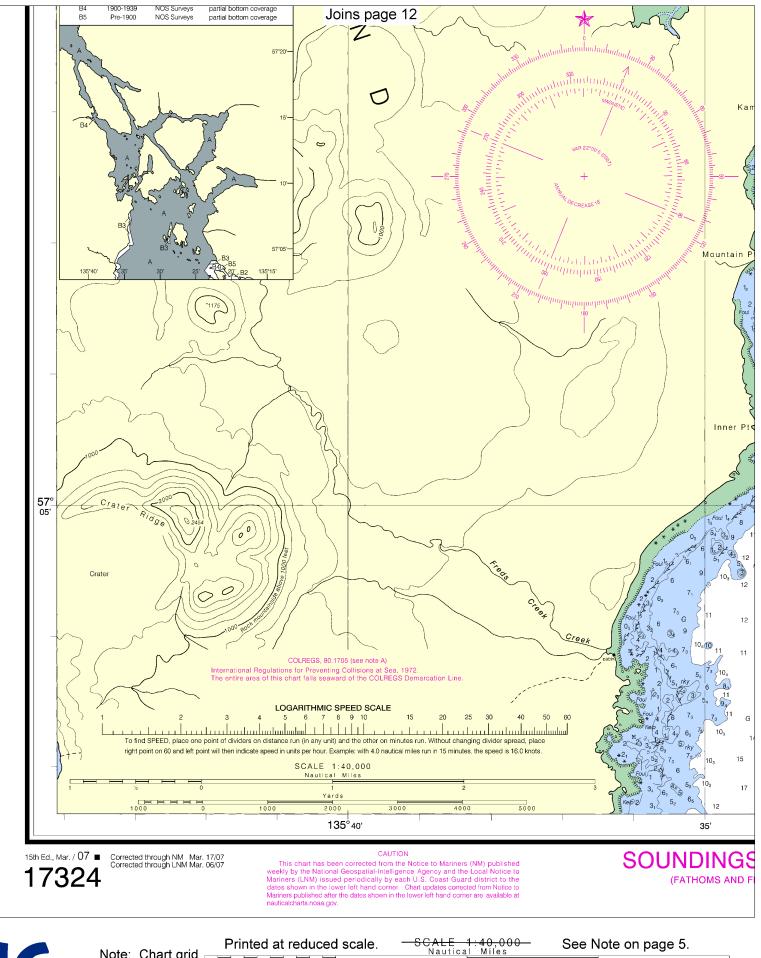
SCALE 1:40,000

Nautical Miles

Yards

1000 0 1000 2000 3000 4000 5000





Printed at reduced scale. SCALE 1:40,000 See Note on page 5.

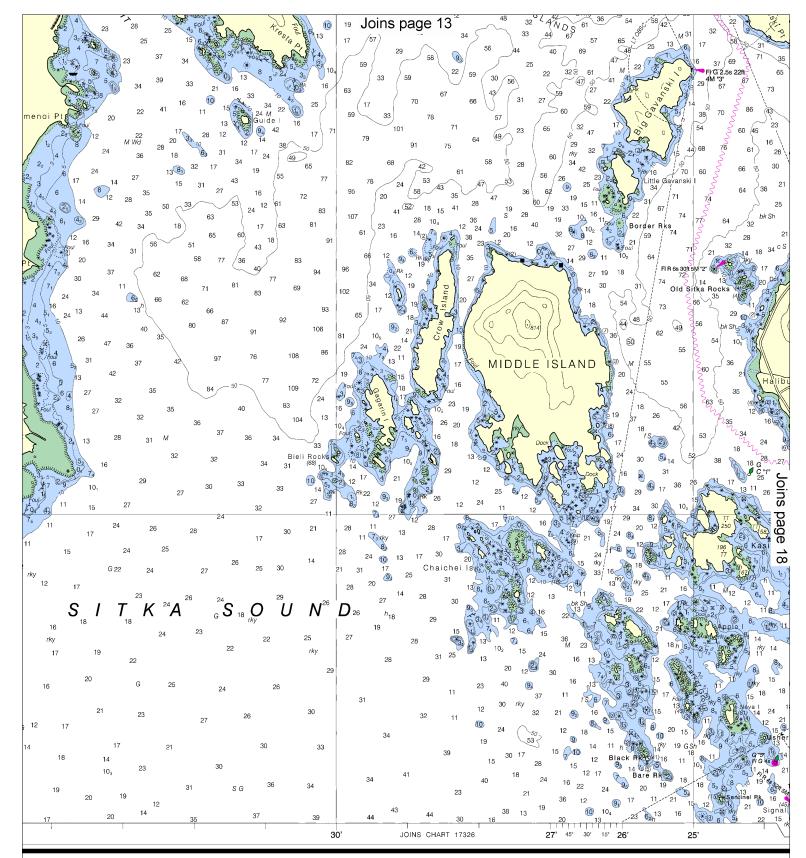
Note: Chart grid lines are aligned with true north.

Printed at reduced scale. SCALE 1:40,000 See Note on page 5.

Nautical Miles

Yards

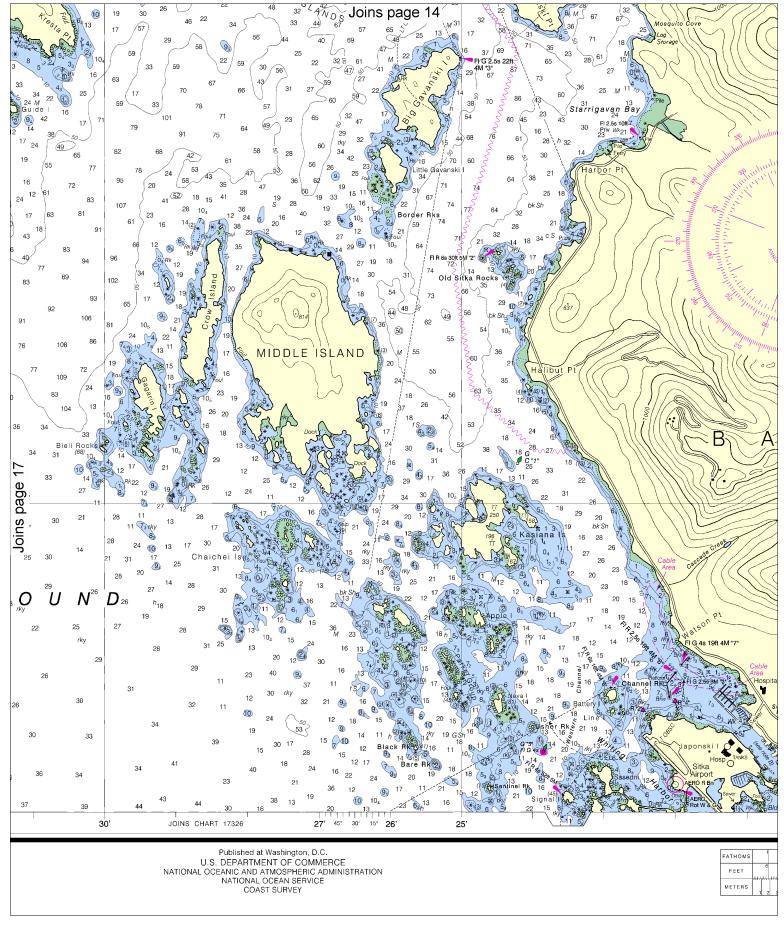
1000 0 1000 2000 3000 4000 5000



## S IN FATHOMS

FEET TO 11 FATHOMS)

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY



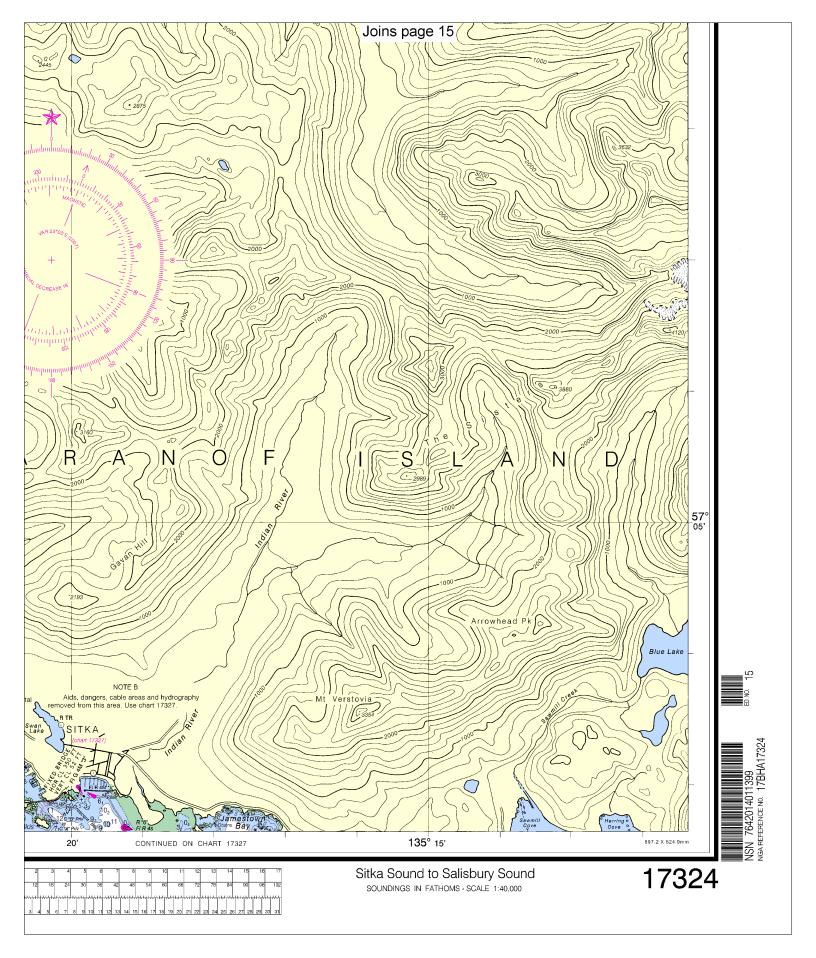
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:40,000
Nautical Miles

Yards

1000
0 1000 2000 3000 4000 5000





## VHF Marine Radio channels for use on the waterways:

**Channel 6** – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here. Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

**Getting and Giving Help** — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

#### **Distress Call Procedures**

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of

Emergency; Number of People on Board.

- · Release transmit button.
- Wait for 10 seconds If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

http://www.nws.noaa.gov/nwr/

## **Quick References**

Nautical chart related products and information — http://www.nauticalcharts.noaa.gov

Online chart viewer — <a href="http://www.nauticalcharts.noaa.gov/mcd/NOAAChartViewer.html">http://www.nauticalcharts.noaa.gov/mcd/NOAAChartViewer.html</a>

Report a chart discrepancy — http://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx

Chart and chart related inquiries and comments — http://ocsdata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs

Chart updates (LNM and NM corrections) — http://www.nauticalcharts.noaa.gov/mcd/updates/LNM\_NM.html

Coast Pilot online — http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm

Tides and Currents — http://tidesandcurrents.noaa.gov

Marine Forecasts — http://www.nws.noaa.gov/om/marine/home.htm

National Data Buoy Center — http://www.ndbc.noaa.gov/

NowCoast web portal for coastal conditions — http://www.nowcoast.noaa.gov/

National Weather Service — http://www.weather.gov/

National Hurrican Center — http://www.nhc.noaa.gov/

Pacific Tsunami Warning Center — http://ptwc.weather.gov/

Contact Us — http://www.nauticalcharts.noaa.gov/staff/contact.htm



For the latest news from Coast Survey, follow @nauticalcharts



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.

